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PTO/SB/05 (03-01)

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	UF-178AXC2
First Inventor	L. Curtis Hannah
Title	Heat Stable Mutants of Starch Biosynthesis Enzymes
Express Mail Label No.	ET535903319US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

- ☒ Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☐ Applicant claims small entity status.
See 37 CFR 1.27
- ☒ Specification [Total Pages 33]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed Sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
- Oath or Declaration [Total Pages 2]
 - ☒ Newly executed (original or copy) (unsigned)
 - ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☒ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☒ paper (10 pages)
 - ☒ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation
 ☐ Divisional
 ☒ Continuation-in-Part (CIP)
of prior application No 09/312,433

Prior application information

Examiner Anne R. Kubelik, Ph.D.Group Art Unit 1638

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label23557

or

☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Doran R. Pace

Registration No. (Attorney/Agent)

38,261

Signature

[Signature]

Date

February 19, 2002

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL FORM

Box PATENT APPLICATION
 Assistant Commissioner for Patents
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): L. Curtis Hannah, Thomas W. Greene

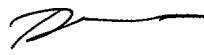
Entitled: Heat Stable Mutants of Starch Biosynthesis Enzymes

- ☒ A Utility Patent Application Transmittal Form accompanies this Fee Transmittal Form.
☒ The Filing Fee is calculated below:

CLAIMS AS FILED				
	Number filed	Number Extra	Rate	Fee
Basic Fee			\$740.00	\$ 740.00
Total Claims	29 - 20 =	9	x \$18	\$ 162.00
Independent Claims	6 - 3 =	3	x \$84	\$ 252.00
Presentation of Multiple Dependent Claim(s) (\$280)				\$ 0.00
Total Filing Fee				\$1,154.00

- ☒ Please charge \$1,154.00 to Deposit Account No. 19-0065. Two copies of this sheet are enclosed.
☒ The Commissioner is hereby authorized to charge any additional filing fees which may be required, or credit any overpayment, to Deposit Account No. 19-0065. A duplicate copy of this sheet is enclosed.
☒ This application is being mailed by Express Mail under 37 CFR 1.10 and the required certificate appears below.

February 19, 2002
 Date


 Attorney of Record

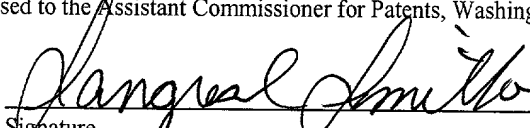
CERTIFICATE OF MAILING BY EXPRESS MAIL (37 CFR 1.10)

ET 535903319 US

Express Mail No.: _____ Date of Deposit: February 19, 2002

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Sangreal Smith
 Name of person mailing paper


 Signature

February 19, 2002

Patent Application
Docket No. UF-178AXC2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : L. Curtis Hannah, Thomas W. Greene
Docket No. : UF-178AXC2
For : Heat Stable Mutants of Starch Biosynthesis Enzymes

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

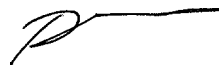
SUBMISSION OF SEQUENCE LISTING
AND STATEMENT UNDER 1.821

Sir:

Transmitted herewith is an application containing a Sequence Listing under 37 CFR §§1.821 through 1.825.

The sequence is submitted in computer readable format and on paper. I hereby certify that the paper and computer readable copies contain the same information.

Respectfully submitted,



Doran R. Pace
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Gainesville, FL 32606-6669

DRP/sl

Attachments: Application containing sequence listing on paper; computer readable format containing the same information.